Approved for use through 10/31/2002. OMB 0651-0035

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Upon the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it display a valid OMB control number.

POWER OF ATTORNEY OR HORIZATION OF AGENT

Application Number	09/699,136
Filing Date	October 27,2000
First Named Inventor	Daniel Santi
Title	Heterologous Production of Polyketides
Group Art Unit	1652
Examiner Name	Kerr, Kathleen M.
Attorney Docket Number	010025.01

OR Practitione  David  Jose	ers at Cus	Name		48,	Registr 944 837 418	Nui Lab	el here	ar Code	OH CENTED IN THE
Denn	is K. Shelt	on				attached	d additio	onal)	
business in the U	Jnited Sta	gent(s) to prosecute ites Patent and Trac	demark Office co	nnect	ed therew	ith.	trans	act all	
	mentioned	oondence address for the condence address for		tified	applicatio	Place C	Custome r Bar Co ere		
Firm or Individual Nar	<sub>me</sub> K	Kosan Bioscien	ces, Inc.						
Address 3832 Bay Center Place									
Address							т т		
City		Hayward		State	CA		Zip	94545	
Country		JSA	<del></del>						
Telephone	5	510-732-8400		Fax	510-731-	5143	_	· .:	) <del>.</del>
Assignee		of the entire interes 7 CFR 3.73(b) is en			/96).				
		SIGNATURE of Ap	pplicant or Assign	ee of	Record				
Name	David P	. Lentipi							
Signature									
Date	Date November 7, 2002								
NOTE: Signatures of all forms if more than one signatures.	the inventors	s or assignees of record equired, see below*.	of the entire interest	or their	representa	tive(s) ar	e require	ed. Submit r	multiple
□ *Total of		are submitted.	<del></del>						

Docket No. 010025.01

Lisa A. Amii (Reg No. 48,199) Mehran Arjomand (Reg No. 48,231) Erwin J. Basinski (Reg No. 34,773) Richard R. Batt (Reg No. 43,485) Jonathan Bockman (Reg No. 45,640) Barry E. Bretschneider (Reg No. 28,055) Tyler S. Brown (Reg No. 36,465) Mark R. Carter (Reg No. 39,131) Peng Chen (Reg No. 43,543) Thomas Chuang (Reg No. 44,616) Cara M. Coburn (Reg No. 46,631) Raj S. Dave (Reg No. 42,465) David Devemoe (Reg No. 50,128) Stephen C. Durant (Reg No. 31,506) A. Randall Camacho (Reg No. 46,595) Carolyn A. Favorito (Reg No. 39,183) Hector Gallegos (Reg No. 40,614) Debra J. Glaister (Reg No. 33,888) Bruce D. Grant (Reg No. 47,608) Douglas G. Hodder (Reg No. 41,840) Charles D. Holland (Reg No. 35,196) Jill A. Jacobson (Reg No. 40,030) Madeline 1. Johnston (Reg No. 36,174) Ararat Kapouytian (Reg No. 40,044) Cameron A. King (Reg No. 41,897) Kawai Lau (Reg No. 44,461) Rimas T. Lukas (Reg No. 46,451) Michael J. Mauriel (Reg No. 44,226) Gladys H. Monroy (Reg No. 32,430) Kate H. Murashige (Reg No. 29,959) Catherine M. Polizzi (Reg No. 40,130) Kelvan P. Howard (Reg No. P48,999) Debra A. Shetka Dennis K. Shelton (Reg No. 26,997) Stanley H. Thompson (Reg No. 45,160) Brenda J. Wallach (Reg No. 45,193) E. Thomas Wheelock (Reg No. 28,825) Eric Witt (Reg No. 44,408) David T. Yang (Reg No. 44,415) George C. Yu (Reg No. 44,418) Thomas George (Reg No. 45,740) Jose Aparicio (Reg No. 48,837) Gary Ashley (Reg No. 51,418)

Randolph Ted Apple (Reg No. 36,429) Laurie A. Axford (Reg No. 35,053) Shantanu Basu (Reg No. 43,318) Vincent J. Belusko (Reg No. 30,820) Kimberly A. Bolin (Reg No. 44,546) Mabel Ng (Reg No. P48,922) Nicholas Buffinger (Reg No. 39,124) Robert K. Cerpa (Reg No. 39,933) Alex Chartove (Reg No. 31,942) Thomas E. Ciotti (Reg No. 21,013) Matthew M. D'Amore (Reg No. 42,457) Peter Davis (Reg No. 36,119) Karen B. Dow (Reg No. 29,684) David L. Fehrman (Reg No. 28,600) Deborah S. Gladstein (Reg No. 43.636) Kenneth R. Glick (Reg No. 28,612) Johney U. Han (Reg No. 45,565) Alan S. Hodes (Reg No. 38,185) Arthur S. Hsieh (Reg No. 48,247) Wayne Jaeschke, Jr. (Reg No. 38,503) Parisa Jorjani (Reg No. 46,813) Richard C. Kim (Reg No. 40,046) Lawrence B. Kong (Reg No. 49,043) Glenn Kubota (Reg No. 44,197) Philip A. Morin (Reg No. 45,926) Martin M. Noonen (Reg No. 44,264) Phillip Reilly (Reg No. 41,415) Robert E. Scheid (Reg. No. 42,126) Terri Shieh-Newton (Reg No. 47,081) Kevin R. Spivak (Reg No. 43,148) Thomas L. Treffert (Reg No. P48,279) Michael R. Ward (Reg No. 38,651) Todd W. Wight (Reg No. 45,218) Frank Wu (Reg No. 41,386) Peter J. Yim (Reg No. 44,417) Karen R. Zachow (Reg No. 46,332) David Lentini (Reg. No. 33,944) Sanjay S. Bagade (Reg. No. 42,280)

REVOCATION OF P

PTO/SB/82 (10-00)

Approved for use through 10/31/2002. OMB 0651-0035

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE we rethe Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

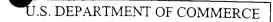
**REVOCATION OF POWER OF ATTORNEY OR AUTHORIZATION OF AGENT** 

Application Number	09/699,136
Filing Date	October 27,2000
First Named Inventor	Daniel Santi
Group Art Unit	1652
Examiner Name	Kerr, Kathleen M.
Attorney Docket Number	010025.01

I hereby revoke all previous powers of attorney or authorizations of agent given in the above-identified application:							TECH CENTER 1800
A Power of Attorney or Authorization of Agent is submitted herewith.							量
OR							<u></u>
Please ch	ange the	e correspondence address for the abov	/e-identi	ified applicatio	on to:		
Customer Number  Customer Number  OR							
Firm or							
Individual Nam	e	Kosan Biosciences, Inc.					
Address		3832 Bay Center Place					
Address		Hayayard					
City		Hayward		C 4		04545	
Country	-	USA 700 0400	State	CA 704 5	ZIP	94545	
Telephone		510-732-8400	Fax	510-731-5	143		
I am the:							
Applicant/Inventor.							
Assigned	of reco	rd of the entire interest. See 37 CER 3	71				
Assignee of record of the entire interest. See 37 CFR 3.71.  Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)							
SIGNATURE of Applicant or Assignee of Record							
Name David P. Lentini							
Signature							
Date	November 7, 2002						
NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.							
*Total of	forms	are submitted.				·	

IRADEMAND.	STATEMENT !	JNDER 37 CFR 3.73(b)
Applicant/Patent Ow	ner: Kosan Biosciences,	Inc.
		Filed/Issue Date: October 27, 2000
Entitled:_Methods	for Altering Polyketide S	synthase Genes
Kosan Bioscieno	ces, Inc. , a Col	rporation
(Name of Assig	nee) (Type	e of Assignee, e.g., corporation, partnership, university, government agency, etc.)
states that it is:		TECT.
1. The assignee of	of the entire right, title, and inte	erest; or e and interest. o interest is%  virtue of either:
2. an assignee of	f less than the entire right, title	e and interest.
, •	<ul> <li>percentage) of its ownership ion/patent identified above by</li> </ul>	o interest is%
		· ········
was recorded		atent application/patent identified above. The assignment and Trademark Office at Reel, Frame, orfor
OR		
B. [ ] A chain of title assignee as sh		atent application/patent identified above, to the current
		To: nited States Patent and Trademark Office at
Reel	, Frame	, or for which a copy thereof is attached.
2. From:	ment was recorded in the Un	_To: ited States Patent and Trademark Office at
Reel_		, or for which a copy thereof is attached.
3. From:		To:
		ited States Patent and Trademark Office at, or for which a copy thereof is attached.
Additional	al documents in the chain of ti	tle are listed on a supplemental sheet.
<u>NOTE</u> : A separate must be submitted		nment document or a true copy of the original document) cordance with 37 CFR Part 3, if the assignment is to be
he undersigned (who	ose title is supplied below) is a	authorized to act on behalf of the assignee.
11/25	Date	David P. Lentini
,	Date	Typed or printed name
		Senior Director, Intellectual Property

Title



(	ner II t tool C	ORM COVER SHEET TS ONLY Patent and Trademark Office Docket No. 300622004900
	PRANEMARY	
	To the Commissioner of Patents and Trademarks: Plea	se record the attached original documents or copy thereof.
(4)	Name of conveying party(ies) (1)Daniel SANTI; (2)Larry PECK; (3)Linda DAYEM;  James KEALEY  ■ Individual(s) □ Association □ General Partnership □ Limited Partnership	se record the attached original documents or copy thereof.  2. Name and address of receiving party(ies):  Name: KOSAN Biosciences, Inc. Internal Address: Street Address: 3832 Bay Center Place
	☐ Corporation-State ☐ Other	City: Hayward State: CA Zip: 94545
Ad	ditional name(s) of conveying party(ies) attached? □Yes ☑No	
3.	Nature of conveyance:	Additional name(s) & address(es) attached? □ Yes ⊠ No
E:	☐ Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name ☐ Other:  xecution Dates: (1) 4/6/01; (2) 4/9/01; (3) 4/6/01; (4) 4/6/01	
4.	Application number(s) or patent number(s):	
	<ul> <li>If this document is being filed together with a new application, the e</li> <li>A. Patent Application No.(s) 09/699,136</li> <li>Additional numbers attached? ☐ Yes ☒ No</li> </ul>	execution date of the application is:  B. Patent No.(s)
5.	Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1
	Carolyn A. Favorito Morrison & Foerster LLP 3811 Valley Centre Drive, Suite 500 San Diego, CA 92130	7. Total fee (37 C.F.R. § 3.41): \$40.00  ☐ Enclosed ☐ Authorized to be charged to deposit account, referencing Attorney Docket: 300622004900  8. Deposit account number: 03-1952
The	Commissioner is hereby authorized to charge any fees under 37 C.F.R. § 1.21 that may be	required by this paper, or to credit any overpayment to Deposit Account No. 03-1952.
	DO NOT USE	THIS SPACE
9.	Statement and signature.  To the best of my knowledge and belief, the foregoing information is document.  Name: Carolyn A. Favorito Registration No: 39,183	s true and correct and any attached copy is a true copy of the original  April 10, 2001  Date
•	Total number of pages comprising cover s	sheet, attachments and document: THREE

Mail documents to be recorded with required cover sheet information to:

U.S. Patent and Trademark Office Office of Public Records Box Assignments Crystal Gateway 4, Room 335 Washington, D.C. 20231

`

## ASSIGNMENT JOINT

THIS ASSIGNMENT, by Daniel Santi, residing at 211 Belgrave Avenue, San Francisco, California 94117; Larry Peck, residing at 910 Laurel Street, San Carlos, California 94070; Linda Dayem, residing at 2240 Village Court, #2, Belmont, California 94002; and James Kealey, residing at 19 Watt Avenue, San Rafael, California 94901 (hereinafter referred to as the assignors), witnesseth:

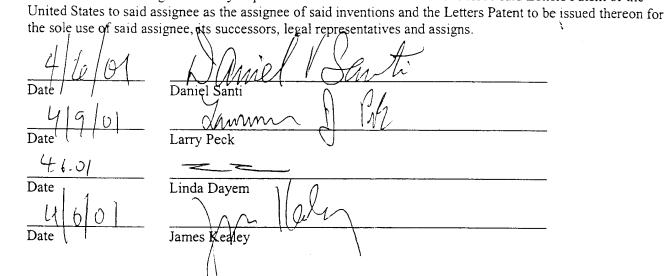
WHEREAS, said assignors have invented certain new and useful improvements in HETEROLOGOUS PRODUCTION OF POLYKETIDES set forth in an application for Letters Patent of the United States bearing Serial No. 09/699,136 and filed on October 27, 2000; and

WHEREAS, KOSAN Biosciences, Inc., a corporation duly organized under and pursuant to the laws of California and having its principal place of business at 3832 Bay Center Place, Hayward, California 94545 (hereinafter referred to as the assignee) is desirous of acquiring the entire right, title and interest in and to said inventions and said application for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon:

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, said assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto said assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions, application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all divisions, continuations and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by said assignee, for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the assignors, had this sale and assignment not been made.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, said assignors are the sole and lawful owners of the entire right, title and interest in and to said inventions and the application for Letters Patent above-mentioned, and that the same are unencumbered and that said assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that said assignors will, whenever counsel of said assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said inventions, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said inventions in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said inventions, without charge to said assignee, its successors, legal representatives and assigns, but at the cost and expense of said assignee, its successors, legal representatives and assigns.



AND said assignors hereby request the Commissioner of Patents to issue said Letters Patent of the